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Estrela et al.

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(54) **POWER PLUG ADAPTER ASSEMBLY AND METHOD**

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(58) **Field of Search** **439/346, 265, 439/102, 106, 105, 349, 953, 651, 371**

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(57) **ABSTRACT**

An assembly is provided for retaining standard electrical plugs within receptacles in environments having vibration and shock conditions that loosen normal electrical plugs. The present invention includes an adapter with a first locking mechanism for locking the adapter to the electrical receptacle. The adapter contains a standard electrical receptacle to receive the power plug prongs of the power plug. In a preferred embodiment, a restraining collar is mounted adjacent the power plug and secured to the adapter with tie straps to thereby secure the power plug to the adapter.

9 Claims, 3 Drawing Sheets

